

EST. DATE 1-05

Table 6-7 shows the cost of a throughput phosphorus removal system included in the overall cost of the proposed Phase I project. This overall cost includes construction contingencies and the gross receipts tax. This cost does not include a chemical removal system for plant returns, nor a

2.5 mgd.

TABLE 6-7

CONCEPTUAL CAPITAL PROJECT COST - PHASE I, EFFLUENT P < 0.1 MG/L

<u>Construction Costs</u>	<u>Amount</u>
Anaerobic Selector with Alkalinity Augmentation	\$559,000
Aeration Basin and Blowers/Canopy Structure	\$4,586,000
Influent Pump Station	\$1,332,000
Secondary Clarifiers	\$1,520,000
Mechanical Dewatering Facilities	\$1,776,000
Aerobic Digester and Blower Structure	\$1,227,000
Chemical Phosphorus Removal from 2.5 MGD	\$3,242,000
Phosphorus Filtrate Pump Station	
UV Disinfection Building	\$656,000
Yard Piping Improvements	\$439,000
Site Improvements	\$176,000
Headworks	\$706,000
RAS/WAS Pump Station	\$594,000
Laboratory and Administration/Control Building	\$1,355,000
Electrical	\$2,024,000
Laboratory Testing Services	<u>\$100,000</u>
Subtotal	\$20,292,000
<u>Other Support Facilities:</u>	
Building in lieu of Blower Canopy	\$620,000
Demolition	<u>\$1,441,000</u>
Subtotal	\$2,061,000
Subtotal of New Facilities	\$22,353,000
Construction Contingencies @ 10%	<u>\$2,235,000</u>
Subtotal	\$24,588,000
NMGRT @ 7.6875%	<u>\$1,890,000</u>
Total Construction Costs	\$26,478,000
<u>Professional Engineering Services Allowance @ 9.5%</u>	
Basic design services and allowance for special services including construction inspection (18 months), soils investigation, surveys, aerial mapping, operation and maintenance manual, and startup services	\$2,515,000
NMGRT @ 6.75%	<u>\$170,000</u>
Total Professional Engineering Services	\$2,685,000
<b>Total Project Costs</b>	<b>\$29,163,000</b>